

Review of Minimum Equipment Standards

Presentation to SIEC

Michael Britt, PSIC Office

January 11, 2012



Public Safety Interoperable
Communications Office

Overview



- Minimum Equipment Standards for both VHF and UHF mobile and portable radio equipment were established by the SIEC in January 2007.
- In recent discussions at the last SIEC – Interoperable Channels Plan Working Group meeting, the general consensus was that the minimum standards were still applicable and there was no need to change or strengthen them.

Current VHF Standards



STATEWIDE INTEROPERABILITY EXECUTIVE COMMITTEE

TITLE: VHF MINIMUM EQUIPMENT STANDARDS

DATE January 23, 2007

POLICY # 06-001

REV # 1.1

Replaces Policy # 06-001 rev 1.0

The Arizona Statewide Interoperability Executive Committee (SIEC) continually works to develop guidelines, recommendations and standards intended to promote public safety interoperable radio communications for all Arizona first responders.

The SIEC has standardized certain radio features, nationally recognized to promote and maintain a higher level of interoperable communications among and between public safety jurisdictions and disciplines. All public safety agencies are strongly encouraged to meet or exceed these minimum qualifications when purchasing mobile and portable radio equipment. The SIEC recommends all equipment purchased through Homeland Security grants be required to meet no less than these minimum qualifications.

VHF MOBILE – PORTABLES MINIMUM STANDARDS

| MINIMUM CHANNEL | CHANNEL DISPLAY | FREQ RANGE | NARROWBAND CAPABLE | PROJECT 25 CAPABLE |
|------------------|-------------------|---------------|--------------------|----------------------|
| 48 CH OR GREATER | 7 CHAR OR GREATER | 150MHz-174MHz | REQUIRED | UPGRADEABLE REQUIRED |

Current UHF Standards



STATEWIDE INTEROPERABILITY EXECUTIVE COMMITTEE

TITLE: UHF MINIMUM EQUIPMENT STANDARDS

DATE January 23, 2007

POLICY # 06-002

REV # 1.1

Replaces Policy # 06-002 rev. 1.0

The Arizona Statewide Interoperability Executive Committee (SIEC) continually works to develop guidelines, recommendations and standards intended to promote public safety interoperable radio communications for all Arizona first responders.

The SIEC has standardized certain radio features, nationally recognized to promote and maintain a higher level of interoperable communications among and between public safety jurisdictions and disciplines. All public safety agencies are strongly encouraged to meet or exceed these minimum qualifications when purchasing mobile and portable radio equipment. The SIEC recommends all equipment purchased through Homeland Security grants be required to meet no less than these minimum qualifications.

UHF MOBILE – PORTABLES MINIMUM STANDARDS

| MINIMUM CHANNEL | CHANNEL DISPLAY | FREQ RANGE | NARROWBAND CAPABLE | PROJECT 25 CAPABLE |
|------------------|-------------------|---------------|--------------------|----------------------|
| 48 CH OR GREATER | 7 CHAR OR GREATER | 450MHz-470MHz | REQUIRED | UPGRADEABLE REQUIRED |

Discussion



- Should the following statement be expanded to include all federal grants?
 - “The SIEC recommends all equipment purchased through Homeland Security grants be required to meet no less than these standards.”
- Would it be appropriate to include some minimum equipment standards for 700/800 MHz equipment?
- Do we put all bands (VHF, UHF and 700/800 MHz) under the same policy?
- Are there additional standards the Committee feels should be adopted?



Thank you!

Michael Britt – Michael.Britt@azdoa.gov